

TOTAL ORGANIC CARBON BY HIGH-TEMPERATURE COMBUSTION METHOD SM 18th / 19th / 20th 5310B						Page 1 of 1
Facility Name: _____ VELAP ID _____						
Assessor Name: _____ Analyst Name: _____ Inspection Date _____						
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments	
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____						
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____						
Were inorganic carbon sources removed from samples by acidification and sparging, or was inorganic carbon measured in samples, so that it could be subtracted from TOC?	5310 B 1 a					
When only DOC was determined, were filtration blanks analyzed to check for contamination imparted by filters?	5310 B 1					
Were samples collected and stored in glass bottles?	5310 B 1 d					
Did blanks with each set demonstrate that glass bottle and TFE septa cleaning regimens were acceptable?	5310 B 1 d					
When samples were homogenized, was a homogenizing blank consisting of reagent water carried through homogenization?	5310 B 4					
Were samples that could not be analyzed immediately (less than 15 minutes) preserved at ≤6°C and acidified with HCl, H ₂ SO ₄ , or H ₃ PO ₄ to pH<2?	40CFR 136.3					
Was carrier gas purified air that was CO ₂ -free and contained less than 1 ppm hydrocarbons?	5310 B 3 e					
Was purging gas free of CO ₂ and hydrocarbons?	5310 B 3 f					
Were instrument injections repeated until consecutive measurements agreed within ±10%?	5310 B 4 c					
Were procedural blank values subtracted from the standard and sample values?	5310 B 5					
Notes/Comments:						